



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/056,938 Filing Date: January 25, 2002
Confirmation No.: 3617
First Named Inventor: Muhammad Mukarram Bin Tariq
Assignee: DoCoMo Communications Lab USA, Inc.
Examiner: Moazzami, Nasser G. Art Unit: 2187
Attorney Docket No.: M-15405 US

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**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(B) WITH
CERTIFICATION UNDER 37 C.F.R. § 1.97(E)(1)**

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants wish to call the documents listed on the enclosed Form PTO-1449 (1 page) to the Examiner's attention for the above-identified patent application. Copies of the listed documents are enclosed. The documents were first cited by the European Patent Office in a corresponding European Application No. 03 000 653.0. The relevance of any foreign language documents is explained in the accompanying English abstracts and the enclosed European Search Report.

Citation of the above documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant invention;
2. a representation that a search has been made, other than as described above; or

Application No. 10/056,938

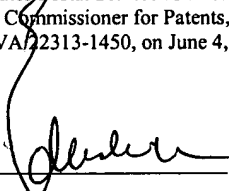
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

The undersigned hereby certifies in accordance with § 1.97(e)(1) that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

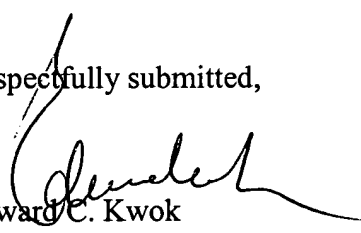
Statement under 37 C.F.R. §1.704(d)

Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the information disclosure statement.

No fee is believed to be required for this Information Disclosure Statement. If a fee is required, please charge the fee to deposit account 50-2257. This paper is submitted in duplicate.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on June 4, 2004.	
	6/4/2004
_____ Attorney for Applicant(s)	_____ Date of Signature

Respectfully submitted,


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U.S. Department of Commerce, Patent and Trademark Office					Atty. Docket No.		Serial No.	
					M-15405 US		10/056,938	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Applicant(s)			
(Use several sheets if necessary)					Muhammad Mukarram Bin Tariq			
					Filing Date		Group	
					January 25, 2002		2187	

U.S. Patent Documents							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	AL	WO01/98920 A1	27 Dec. 2001	PCT				
	AM	EP1039721A2	27 Sep. 2000	Europe				
	AN	EP0676898A1	11 Oct. 1995	Europe				
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
AQ	Hamilton, Martin et al. "Cache Digest Specification – version 5" JANET Web Cache Service, XP-002277402, pages 1-7.	
AR	Caceres, Ramon et al. "Fast and Scalable Wireless Handoffs in Support of Mobile Internet Audio" Mobile Networks and Applications 3 (1998) 351-363, XP-002135845, pages 351-363.	
AS	Hadjieftymiades, Stathes et al. "A Resource Management Scheme for Efficient WWW Computing in Wireless Communications" Communication Networks Laboratory, Department of Informatics, University of Athens, Athens 15784 Greece, 1999 IEEE, pages 1755-1759.	

Examiner	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.